WHAT IS CLAIMED IS:

1. An automatic analysis apparatus for measuring a reaction on reagent and a sample put into a reaction container, comprising:

a plurality of measurement channels, each of said measurement channels including said reaction container and means for measuring said reaction;

data processing means for producing calibration information, first quality control information, and second quality control information, said calibration information every measurement channel being produced based upon calibration data obtained by measuring a calibration sample, said first quality control information related to a quality for each of said measurement channels being produced based upon measurement data acquired by measuring a quality controlling sample by the respective measurement channels, and also said second quality control information related to an entire quality of said plural measurement channels being produced based upon said measurement data; and

display means for simultaneously displaying said calibration information, said first quality control information, and said second quality control information given by said data processing means on a same screen.

2. An automatic analysis apparatus as claimed in claim 1, wherein

said second quality control information contains an average value and a standard deviation value in the

entire plural measurement channels, which are calculated based upon said measurement data obtained by measuring said respective measurement channels.

3. An automatic analysis apparatus as claimed in claim 1, wherein

said display means simultaneously displays said calibration information, said first quality control information, and said second quality control information on the same screen with respect to each of measurement items.

4. An automatic analysis apparatus as claimed in claim 1, wherein

said data processing means sets each of pre-selected allowable values with respect to said calibration information, said first quality control information, and said second quality control information.

5. An automatic analysis apparatus as claimed in claim 4, wherein said data processing means includes:

means for judging as to whether or not the calibration information of each of said measurement channels can satisfy said allowable value; and

means for setting a level value corresponding to deviation of said calibration information from said allowable value in the case that said calibration information can satisfy said allowable value.

6. An automatic analysis apparatus as claimed in claim 4, wherein said data processing means includes:

means for judging as to whether or not both said first quality control information and said second quality

control information satisfy the respective allowable value thereof; and

means for setting a level value corresponding to a deviation value of said second quality control information from said allowable value thereof in the case that both said first quality control information and said second quality control information satisfy the respective allowable value thereof.

7. An automatic analysis apparatus as claimed in claim 5, wherein

said display means displays thereon said calibration information in a display mode corresponding to said level value and discriminatable from other display information in such a case that said calibration information satisfies said allowable value thereof.

8. An automatic analysis apparatus as claimed in claim 6, wherein said display means displays thereon said first and second quality control information in display modes corresponding to said level values and discriminatable from other display information in such a case that said first and second quality control information satisfy said allowable values thereof.

9. An automatic analysis apparatus as claimed in claim 4, wherein said data processing means includes:

a table made by that a message for designating a sort of a maintenance process of said automatic analysis apparatus is set in correspondence with a combination between any one of said first and second quality control

information which do not satisfy said allowable values thereof, and the level value of said calibration information;

means for judging as to whether or not any one of said first and second quality control information satisfies said allowable value thereof; and

means operable in that when any one of said first and second quality control information does not satisfy said allowable value thereof, said means refers to said table so as to read out a sort of a maintenance process corresponding to such a combination between a present level value of said calibration information and any one of said first and second quality control information which do not satisfy said allowable values thereof.

10. A management apparatus for managing an automatic analysis apparatus having a plurality of measurement channels used to measure reaction occurred between a reagent and a sample, comprising:

data processing means for producing calibration information, first quality control information, and second quality control information; said calibration information every measurement channel being produced in each of said measurement channels based upon calibration data obtained by measuring a calibration sample, said first quality control information related to a quality for each of said measurement channels being produced based upon measurement data acquired by measuring a quality controlling sample by the respective measurement channels, and also said second

quality control information related to an entire quality of said plural measurement channels being produced based upon said measurement data; and

display means for simultaneously displaying said calibration information, said first quality control information, and said second quality control information given by said data processing means on a single screen.

11. A computer program product comprising:

a computer usable medium having computer readable program code means embodied therein for managing an automatic analysis apparatus containing a plurality of measurement channels used to measure reaction occurred between a reagent and a sample, wherein:

said computer readable program code means is comprised of:

data processing means for producing calibration information, first quality control information, and second quality control information; said calibration information every measurement channel being produced based upon calibration data obtained by measuring a calibration sample, said first quality control information related to a quality for each of said measurement channels being produced based upon measurement data acquired by measuring a quality controlling sample by the respective measurement channels, and also said second quality control information related to an entire quality of said plural measurement channels being produced based upon said measurement data; and

display means for simultaneously displaying said calibration information, said first quality control information, and said second quality control information given by said data processing means on a single screen.

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